

11/23/2009

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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :
MOHAMED BOUZEKRI, ET AL. : EXAMINER: VELASQUEZ, V.T.
SERIAL NO: 10/565,558 :
FILED: JUNE 22, 2006 : GROUP ART UNIT: 1793
FOR: METHOD OF PRODUCING :
AUSTENITIC
IRON/CARBON/MANGANESE STEEL
SHEETS HAVING A HIGH STRENGTH
AND EXCELLENT TOUGHNESS AND
BEING SUITABLE FOR COLD
FORMING, AND SHEETS THUS
PRODUCED

DECLARATION UNDER 37 CFR 1.132

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

I, COLIN SCOTT, a citizen of ~~France~~ Great Britain CS

hereby declare and state that:

1. I am a co-inventor of the above-identified application.
2. Figure 3 of the above-identified application illustrates the influence of the coiling temperature on the surface fraction of precipitated carbides. Specification at page 11, lines 33-35.
3. Figure 5 of the above-identified application shows the influence of carbide precipitation on the product P (the tensile strength multiplied by the elongation at break) after hot rolling, for constant grain size. Specification at page 12, lines 1-4.

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4. The attached Figure A combines Figures 3 and 5 in a plot of P (tensile strength x elongation at break) versus coiling temperature.

5. Figure A shows that P is significantly higher when the coiling temperature is below 580°C.

6. The attached Figure B is a plot of grain size versus time showing grain growth kinetics under isothermal holding for iron/carbon/manganese steel featured in the present invention.

7. Figure B shows that at 700°C and below, there is virtually no grain growth.

8. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issuing thereon.

9. Further declarant saith not.

Date: 9th November 2009

Colin Scott

COLIN SCOTT

Declarant's Name (typed)

Attached: Figure A
Figure B

DO NOT ENTER: /VTV/

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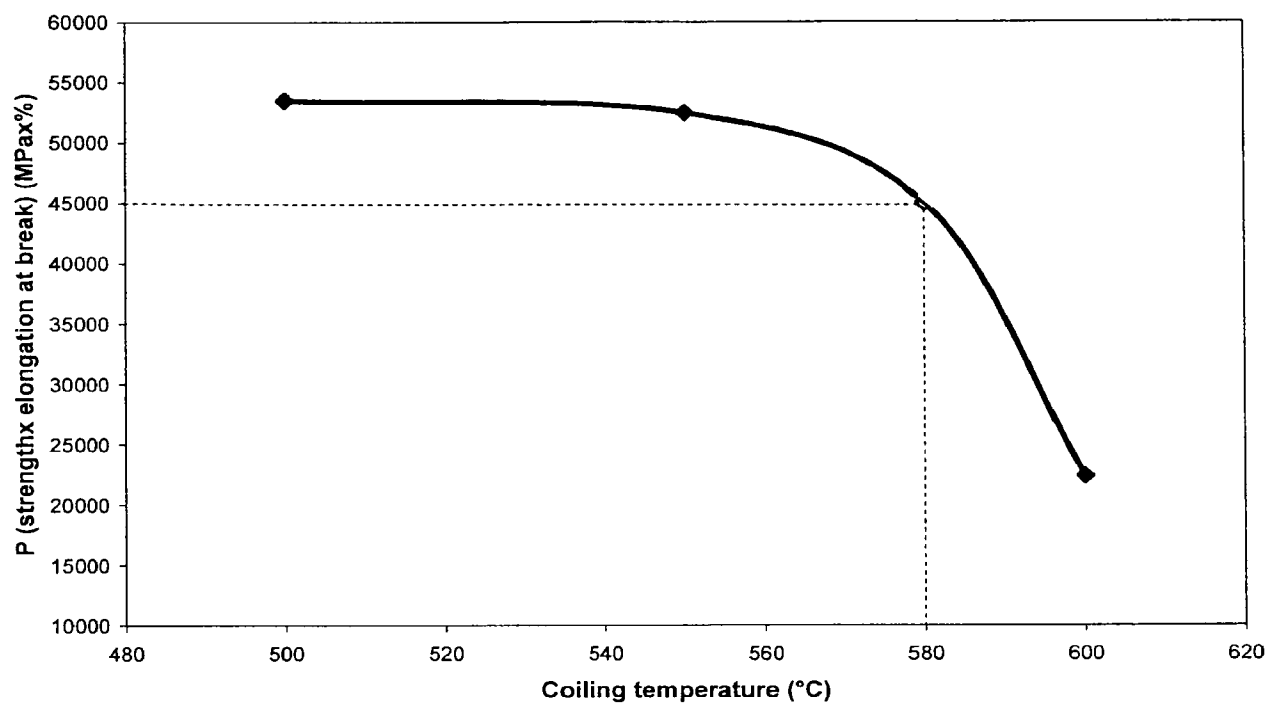


Figure A

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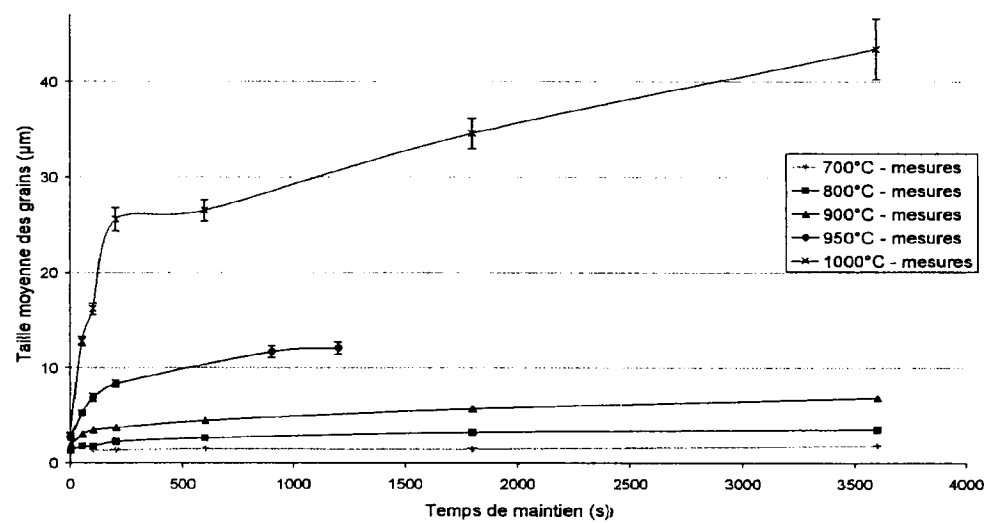


Figure B